

## MAIN INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 9/3/2014, 9/4/2014</b>	Man Days: 2
<b>Inspection Unit: Maryville</b>	
<b>Location of Audit: Wood River, Waterloo</b>	
<b>Exit Meeting Contact: Charles Tebbe</b>	
<b>Inspection Type: Design Testing and Construction</b>	
<b>Pipeline Safety Representative(s): Valerie Schwing</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

CONSTRUCTION INFORMATION		
<b>Location of Construction:</b> 200 Main N. St. Wood River	<b>Construction Performed By:</b> Infrasource	
<b>Contractor Foreman:</b>	Randy Young	
<b>Operator Inspector:</b>	Kent Berry	
Person(s) On Job Site		
Jules Varwig	Aaron Bear	H.A Kelly
Bob Anderson	Delbert Tucker	
<b>Description of Construction:</b> On September 3, 2014 Staff witnessed the contracting crew Infrasource complete shoring and excavate around the existing Enable 24 inch 1982 steel pipe that has a MAOP of 400 PSI. Staff examined new prefabricated welds and pipe coating.		

MAIN INSTALLATION		Status
[192.55]	Steel	Yes
[192.59]	PE	No
[192.59]	Other	No
[192.5]	Class location :	Class 1
[192.619,192.621,192.623]	MAOP	180 PSI
[192.63]	Pipe Size :	8 inch
[192.55,192.59]	Specification :	API 5L

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[192.55,192.59]	Manufacturer :	Kinder Morgan
[192.55,192.59]	Pipe Grade :	X 52
[192.55,192.59]	Wall Thickness :	Schedule 80
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
[192.227]	Date of Welder qualification:	8/12/14
[192.227]	Welder's Name:	Kelley Harold
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
[192.285]	Date of Plastic Joining Qualification :	Not Applicable
<b><u>General Comment:</u></b> <i>There was not any plastic pipe at the location.</i>		
[192.285]	Joiner's name:	Not Applicable
<b><u>General Comment:</u></b> <i>There was not any plastic pipe at the location.</i>		
[192.455]	Is buried metallic pipe coated?	Satisfactory
[192.461]	Does coating meet 192.461?	Satisfactory
[192.455(a)(1)]	Is cathodic protection being provided?	Satisfactory
<b><u>General Comment:</u></b> <i>Infrasource had plans to install a direct half-cell.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	Yes
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	Yes
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Satisfactory
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Satisfactory
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Satisfactory
[192.303]	Are comprehensive written construction specifications available and adhered to?	Satisfactory
<b><u>General Comment:</u></b> <i>Staff reviewed the construction specs for job number GTSE00917.</i>		
[192.305]	Are inspections performed by the operator to check adherence to the construction specifications?	Satisfactory
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Satisfactory
[192.319]	Is ditch back-filled to provide firm support and prevent damage	Satisfactory

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	to pipe or coating?	
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There was not any plastic pipe at the job location.</i>		
[192.321(e)]	Does plastic pipe have means of locating while underground?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There was not any plastic pipe at the job location.</i>		
[192.325]	Are required clearances from underground structures being maintained?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>There was at least 12 inches maintained between the other utilities.</i>		
[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	<b>Satisfactory</b>
[192.503]	Are general testing requirements being met?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>There was not any testing preformed while Staff was on site.</i>		
[192.517]	Are records being made of strength and leak tests?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>There was not any testing preformed while Staff was on site.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	<b>Satisfactory</b>
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	<b>Satisfactory</b>
[192.805(c)]	Were span of control limitations being followed?	<b>Satisfactory</b>
Was a Protocol 9 (Form 15) Completed?		<b>No</b>
[192.614]	Were One Call Notifications performed as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Dig Start 8/25/14 time 0800</i>		
[192.614]	Dig Ticket #	<b>A2323136</b>
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	<b>Satisfactory</b>
[192.719(b)]	Was each repair made by welding to a transmission line made in accordance with 192.713, 192.715, and 192.717 and examined in accordance with 192.241?	<b>Not Checked</b>

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**General Comment:**

*No welding was preformed while staff was on site.*

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